



APR 9 6 2007

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Application Number	10/567,298
Filing Date	February 6, 2006
First Named Inventor	M. Ian Phillips
Art Unit	1646 1632
Examiner Name	Wu-Cheng Winston Shen
Attorney/Agent Number	100-00000000

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)	MM-DD-YYYY		T ⁶
F1		WO 2005/017165 A1	02-24-2005	Univ. of South Florida	All
F2		WO 2004/024867 A2	03-25-2004	Univ. of Florida	All
F3		WO 00/50048 A3	08-31-2000	Univ. of Pittsburgh	All
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Application Number	10/567,298
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Group Art Unit	4646 1632
Examiner Name	/Wu-Cheng Winston Shen/
Attorney Docket Number	USF-200TCXZ1

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NON PATENT LITERATURE DOCUMENTS

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	R1	ABRUZZESE, R. et al. "Ligand-dependent regulation of vascular endothelial growth factor and erythropoietin expression by a plasmid-based autoinducible GeneSwitch system" <i>Mol. Therapy</i> , 2000, 2:276-287.	
	R2	CHEN, H. et al. "Protection against ischemia-reperfusion injury and myocardial dysfunction by antisense-oligodeoxynucleotide by antisense-oligodeoxynucleotide directed at angiotensin-converting enzyme mRNA" <i>Gene Ther.</i> , 2001, 8:804-810.	
	R3	CHEN, H. et al. "Protection against myocardial dysfunction induced by global ischemia-reperfusion by antisense-oligodeoxynucleotides directed by β -adrenoceptor mRNA" <i>J. Pharmacol. Exp. Ther.</i> , 2000, 294:722-727.	
	R4	CONGET, P.A. and MINGUELL, J.J. "Adenoviral-mediated gene transfer into ex vivo expanded human bone marrow mesenchymal progenitor cells" <i>Exp. Hematol.</i> , 2000, 28:382-390.	
	R5	DAVANI, S. et al. "Mesenchymal progenitor cells differentiate into an endothelial phenotype, enhance vascular density, and improve heart function in a rat cellular cardiomyoplasty model" <i>Circulation</i> , 2003, 108(Suppl. 1):I253-II258.	
	R6	FRANZ, W.M. et al. "Heart-specific targeting of firefly luciferase by the myosin light chain-2 promoter and developmental regulation in transgenic mice" <i>Circ. Res.</i> , 1993, 73:629-638.	
	R7	GINIGER, E. et al. "Specific DNA binding of GAL4, a positive regulatory protein of yeast" <i>Cell</i> , 1985, 40:767-774.	
	R8	GU, J. et al. "Tumor-specific transgene expression from the human telomerase reverse transcriptase promoter enables targeting of the therapeutic effects of the <i>Bax</i> gene to cancers" <i>Cancer Res.</i> , 2000, 60:5359-5364.	
	R9	HABERMAN, R. et al. "Inducible long-term gene expression in brain with adeno-associated virus gene transfer" <i>Gene Therapy</i> , 1998, 5:1604-1611.	
	R10	HALABY, I. et al. "Glucocorticoid-regulated VEGF expression in ischemic skeletal muscle" <i>Mol. Therapy</i> , 2002, 5:300-306.	
	R11	HUANG, L.E. et al. "Regulation of hypoxia-inducible factor 1 α is mediated by an O ₂ -dependent degradation domain via the ubiquitin-proteasome pathway" <i>Proc Natl Acad Sci USA</i> , 1998, 95:7987-7992.	
	R12	KAGIYAMA, T. et al. "Expression of angiotensin type 1 and 2 receptors in brain after transient middle cerebral artery occlusion in rats" <i>Regul. Pept.</i> , 2003, 110:241-247.	
	R13	KEEGAN, L. et al. "Separation of DNA binding from the transcription-activating function of a eukaryotic regulatory protein" <i>Science</i> , 1986, 231:699-704.	

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**INFORMATION DISCLOSURE
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Sheet 3 of 5 Attorney Docket Number USF-200TCXZ1

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R14	KIMURA, B. <i>et al.</i> "Attenuation of hypertension and heart hypertrophy by adeno-associated virus delivering angiotensinogen antisense" <i>Hypertension</i> , 2001, 37:376-380.	
	R15	KIRCHEIS, R. <i>et al.</i> "Polyethylenimine/DNA complexes shielded by transferring target gene expression to tumors after systemic application" <i>Gene Ther.</i> , 2001, 8:28-40.	
	R16	KOH, G.Y. <i>et al.</i> "Targeted expression of transforming growth factor- β 1 in intracardiac grafts promotes vascular endothelial cell DNA synthesis" <i>J. Clin. Invest.</i> , 1995, 95:114-121.	
	R17	KOLLET, O. <i>et al.</i> "HGF, SDF-1, and MMP-9 are involved in stress-induced human CD34 ⁺ stem cell recruitment to the liver" <i>J. Clin. Invest.</i> , 2003, 112:160-169.	
	R18	MANGI, A.A. <i>et al.</i> "Mesenchymal stem cells modified with Akt prevent remodeling and restore performance of infarcted hearts" <i>Nat. Med.</i> , 2003, 9:1195-1201.	
	R19	MELO, L. <i>et al.</i> "Gene therapy strategy for long-term myocardial protection using adeno-associated virus-mediated delivery of heme oxygenase gene" <i>Circulation</i> , 2002, 105:602-607.	
	R20	OGRIS, M. <i>et al.</i> "The size of DNA/transferring-PEI complexes is an important factor for gene expression in cultured cells" <i>Gene Ther.</i> , 1998, 5:1425-1433.	
	R21	PHILLIPS, M.I. "Gene therapy for hypertension: Antisense inhibition with adeno-associated viral vector delivery targeting angiotensin II type 1 receptor messenger ribonucleic acid" <i>Am. J. Cardiol.</i> , 1998, 82(10A):60S-62S.	
	R22	PHILLIPS, M.I. "Somatic gene therapy for hypertension" <i>Braz. J. Med. Biol. Res.</i> , 2000, 33:715-721.	
	R23	PHILLIPS, M.I. "Is gene therapy for hypertension possible?" <i>Hypertension</i> , 1999, 33:8-13.	
	R24	PHILLIPS, M.I. "Gene therapy for hypertension: The preclinical data" <i>Hypertension</i> , 2001, 38(3 Pt 2):543-548.	
	R25	PHILLIPS, M.I. <i>et al.</i> "Gene therapy for hypertension: sense and antisense strategies" <i>Expert. Opin. Biol. Ther.</i> , 2001, 1(4):655-662, abstract.	
	R26	PHILLIPS, M.I. <i>et al.</i> "Vigilant vector: Heart-specific promoter in an adeno-associated virus vector for cardioprotection" <i>Hypertension</i> , 2002, 39(2 Pt 2):651-655.	

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First Named Inventor	M. Ian Phillips
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	R27	PHILLIPS, M.I. "Gene therapy for hypertension: The preclinical data" <i>Methods Enzymol.</i> , 2002, 346:3-13.	
	R28	PONNAZHAGAN, S. et al. "Adeno-associated virus type 2-mediated transduction of murine hematopoietic cells with long-term repopulating ability and sustained expression of a human globin gene <i>in vivo</i> " <i>J. Virology</i> , 1997, 71:3098-3104.	
	R29	QIAO, J. et al. "Tumor-specific transcriptional targeting of suicide gene therapy" <i>Gene Therapy</i> , 2002, 9:168-175.	
	R30	RUAN, H. et al. "A hypoxia-regulated adeno-associated virus vector for cancer-specific gene therapy" <i>Neoplasia</i> , 2001, 3:255-263.	
	R31	SCHMITZ, M.L. and BAEUERLE, P.A. "The p65 subunit is responsible for the strong transcription activating potential of NF- κ B" <i>EMBO J.</i> , 1991, 10:3805-3817.	
	R32	SEMENTA, G.L. et al. "Hypoxia response elements in the aldolase A, enolase 1, and lactate dehydrogenase A gene promoters contain essential binding sites for hypoxia-inducible factor 1" <i>J Biol Chem.</i> , 1996, 271:32529-32537.	
	R33	SHAKE, J.G. et al. "Mesenchymal stem cell implantation in a swine myocardial infarct model: engraftment and functional effects" <i>Ann. Thorac. Surg.</i> , 2002, 73:1919-1926.	
	R34	SIRTORI, C.R. "New targets for lipid lowering and atherosclerosis prevention" <i>Pharmacol. Ther.</i> , 1995, 67:433-447.	
	R35	SMITH-ARICA, J.R. et al. "Switching on and off transgene expression within lactotrophic cells in the anterior pituitary gland <i>in vivo</i> " <i>Endocrinology</i> , 2001, 142:2521-2532.	
	R36	STRAUER, B.E. and KORNOWSKI, R. "Stem cell therapy in perspective" <i>Circulation</i> , 2003, 107:929-934.	
	R37	TANG, X. et al. "Intravenous angiotensinogen antisense in AAV-based vector decreases hypertension" <i>Am. J. Physiol.</i> , 1999, 277(6 Pt 2):H2392-H2399.	
	R38	TANG, Y.L. et al. "Paracrine action enhances the effects of autologous mesenchymal stem cell transplantation on vascular regeneration in rat model of myocardial infarction" <i>Ann Thorac. Surg.</i> , 2005, 80:229-237.	
	R39	TANG, Y.L. et al. "A hypoxia-inducible vigilant vector system for activating therapeutic genes in ischemia" <i>Gene Ther.</i> , 2005, 12:1163-1170.	

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	R40	TANG, Y. et al. "Hypoxia inducible double plasmid system for myocardial ischemia gene therapy" <i>Hypertension</i> , 2002, 39(2 Pt 2):695-698.
	R41	TANG, Y.L. et al. "Protection from ischemic heart injury by a vigilant heme oxygenase-1 plasmid system" <i>Hypertension</i> , 2004, 43:746-751.
	R42	TANG, Y.L. et al. "Improved graft mesenchymal stem cell survival in ischemic heart with a hypoxia-regulated heme oxygenase-1 vector" <i>J. Am. Coll. Cardiol.</i> , 2005, 46:1339-1350.
	R43	TANG, Y.L. et al. "A vigilant, hypoxia-regulated heme oxygenase-1 gene vector in the heart limits cardiac injury after ischemia-reperfusion <i>in vivo</i> " <i>J. Cardiovasc. Pharmacol. Ther.</i> , 2005, 10:251-263.
	R44	TANG, Y. et al. "Vigilant vectors: adeno-associated virus with a biosensor to switch on amplified therapeutic genes in specific tissues in life-threatening disease" <i>Methods</i> , 2002, 28:259-266.
	R45	TANG, Y.L. et al. "Autologous mesenchymal stem cell transplantation induce VEGF and neovascularization in ischemic myocardium" <i>Regul. Pept.</i> , 2004, 117:3-10.
	R46	TANG, Y.L. et al. "Mobilizing of haematopoietic stem cells to ischemic myocardium by plasmid mediated stromal-cell-derived factor-1α (SDF-1α) treatment" <i>Regul. Pept.</i> , 2005, 125:1-8.
	R47	WOO, Y.J. et al. "Recombinant adenovirus-mediated cardiac gene transfer of superoxide dismutase and catalase attenuates postischemic contractile dysfunction" <i>Circulation</i> , 1998, 98:II255-II261.
	R48	WU, P. et al. "Adeno-associated virus vector-mediated transgene integration into neurons and other nondividing cell targets" <i>J. Virol.</i> , 1998, 72:5919-5926.
	R49	YAMAGUCHI, J. et al. "Stromal cell-derived factor-1 effects on ex vivo expanded endothelial progenitor cell recruitment for ischemic neovascularization" <i>Circulation</i> , 2003, 107:1322-1328.
	R50	YANG, B.C. et al. "Critical role of AT1 receptor expression after ischemia/reperfusion in isolated rat hearts: Beneficial effect of antisense oligodeoxynucleotides directed at AT1 receptor mRNA" <i>Circ. Res.</i> , 1998, 83:552-559.
	R51	YANG, B.C. et al. "Increase in angiotensin II type 1 receptor expression immediately after ischemia-reperfusion in isolated rat hearts" <i>Circulation</i> , 1997, 96:922-926.
	R52	ZVARITCH, E. et al. "The transgenic expression of highly inhibitory monomeric forms of phospholamban in mouse heart impairs cardiac contractility" <i>J. Biol. Chem.</i> , 2000, 275:14985-14991.

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